

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

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TAKANO; Masaaki SUWABE; Shuji SATO

Application No.: New U.S. Patent Application

Filed: June 20, 2001

Docket No.: 109890

For: TONER FOR DEVELOPING ELECTROSTATIC IMAGE, PROCESS FOR PRODUCING
TONER FOR DEVELOPING ELECTROSTATIC IMAGE, DEVELOPER FOR
DEVELOPING ELECTROSTATIC IMAGE, AND PROCESS FOR FORMING IMAGE

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INFORMATION DISCLOSURE STATEMENT

Director of the U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- ☒ 2. Relevance of the Japanese Patent Applications No. 63-282752 and No. 6-250439 is discussed in the present specification.
- ☒ 3. A concise explanation of the relevance of the non-English language references appears in the Appendix attached hereto.

Respectfully submitted,

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CONCISE STATEMENT OF RELEVANCY
BETWEEN THE INVENTION AND MATERIALS

1. Japanese Patent Unexamined Publication No. Sho.63-282752
2. Japanese Patent unexamined Publication No. Hei.6-250439

These publications are described in the specification.

3. Japanese Patent unexamined Publication No. Hei.5-341573:

This publication discloses a toner including a wax having low melting point thereinside, the toner having a specified concavity and convexity.

4. Japanese Patent unexamined Publication No. Hei.6-308759:

This publication discloses that a capsule structure toner has a wax as a core, and surface existence ratio of the wax is less than 5 wt%, and after polymerization, the toner is shocked to perform deformation process of toner particle.

5. Japanese Patent unexamined Publication No. Hei.6-348055:

This publication discloses that aromatic oxycarboxylic acid is added to water base dispersion, whereby an existence amount of a wax in surface layer of a toner is regulated to be a predetermined percent by mass or less.

6. Japanese Patent unexamined Publication No. Hei.4-188156:

This publication discloses that after suspension at a melting point of a wax or more, temperature is lowered to separate out the wax.

7. Japanese Patent unexamined Publication No. Hei.2-273758:

This publication discloses that temperature in polymerization process is melting point of a wax or more to activate molecular motion of the wax and the nonpolar wax is shifted to inside of a toner.